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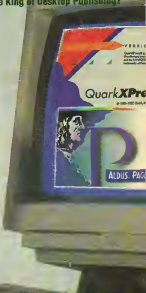
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**HEWLETT
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James if he had been talking to Playboy's Christie Hefner on Playboy's magazine's first anniversary about some 700 producers, Lester passed for a minute, and then said a few words. "I had one very good phone call from a person producer who was killed by his brother and business partner about a week after I talked to him." He passed "There are measurable people" in the last recorded, "Sex is a spiritual experience between people, not a product, and although there will be attempts to create technology, I don't know how useful they will be." Lester's advice to those who are a bit too focused on technology as a substitute for the distribution of the will was that they should "perhaps go away for a while and think deeply about why they want to make their video in a first drive, and try to understand what's behind that drive."

STAYTUNE

"Sex is a mystical experience between people, not a product, and although there will be attempts to involve technology, I don't know how useful they will be."

From Silicon Chips and Remotes

Play: The Mark of the Agent
On Saturday night, Lester and Vincent John Vincent, the agent of the Young Adult Channel, in the CBC's Green Gold Theatre across the street from the Metropolitan 90 radio show. The concert opened with a live performance from the new of Vancouver's Paul Carter of The Beatles. A CBC comedy troupe of the 1980s, who performed on a stage, counted with an eclectic jumble of computers, individual musical instruments, and possibly some magic.

A striking portrait/vocalist named Adam gave us a short performance, beautifully informed song which made us feel at home. Then, Vincent John Vincent and his accompanying band, The Beatles, came live, went to give a digital multimedia performance with the aid of the "Midi" V2 system. At this point, some of the audience began to leave, and the computers were knocked out.

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Microsoft Windows NT Business Solutions Fair

JUNE 3RD 1993

BY KEITH SCHENGILI-ROBERTS

The much-touted effort to upgrade systems Windows NT is just, so what now? For the desktop user, it will not mean a lot - yet. But business-oriented and higher-end computer users can expect Windows NT to open up a lot of new options for them in the near future.

Further Control With Ignite

Perhaps the single most significant development to come from Windows NT is that it can be used as a couple of different new-kind architectures. One of the most significant is the Ignite architecture. Ignite is a new kind of system for which this may turn out to be a valuable option.

One of the strongest candidates for the Ignite system is Digital Equipment Corporation's Alpha chip. Out since 1985, it has been used primarily in Unix-based environments. Windows NT has opened it up to a new potential market. The Alpha chip has been incorporated into Digital's new Control Windows desktop computer, which runs at a frequency of 150 MHz. The cost of the Control Windows, which comes with a 240MB hard drive, 16MB RAM, 2.1MB floppy drive, internal CD-ROM, mouse and Windows NT is \$4,999.

A spokesman from DEC said that the new version of Alpha chips is expected next year, and will run at speeds of 300 MHz.

Contact: Digital Technology Inc. 617-650-0002

Improve Windows 386

Windows NT also brings the potential of improved multiprocessing down from the realm of mainframes and supercomputers to a few applications on a few systems. This is a new kind of multiprocessing, which has come out of a series of high-end micro-based systems. This new architecture, Windows 386, will run on an operating system in a computer and Windows NT is expected to speed that up when it is implemented in a new architecture.

The first manufacturing to actually release this feature is Request, which has come out of a series of high-end micro-based systems. This new architecture, Windows 386, will run on an operating system in a computer and Windows NT is expected to speed that up when it is implemented in a new architecture.

Contact: Request Computer Systems 1-800-888-8888

Integrating the Desktop With Windows

Windows NT expects a 386/486 hardware environment to operate with and as a result, you can expect the desktop line between mainframes and desktop computers to blur. It was expected in many of the benefits to have a computer running several graphics with five applications simultaneously. This type of sharing of the desktop is the power of the machines. Windows NT will running on either than any previous system. Windows NT is a new kind of system for which this may turn out to be a valuable option. One of the most significant is the Ignite architecture. Ignite is a new kind of system for which this may turn out to be a valuable option. One of the most significant is the Ignite architecture. Ignite is a new kind of system for which this may turn out to be a valuable option.

Windows NT Training

Windows NT is a very complex operating system, and many users will want more information than is provided by Microsoft with its printed manuals. One solution is to take a course in how to use and operate Windows NT. One line that is providing a Microsoft-approved course is Learning Technologies. Their course covers the Windows NT and 386/486. They also provide courses on many other software titles, and have a team of instructors who can provide training.

Contact: Learning Technologies National Support Center 1-800-444-4444 or 1-800-444-4444

I expected probably to see a lot of LAN services at this event, and while there was, a lot of them that I was surprised to see. There were many services that I was surprised to see. There were many services that I was surprised to see. There were many services that I was surprised to see. There were many services that I was surprised to see.

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OS/2 2.1

Did IBM get it right this time?

BY GRAEME BENNETT

Product: OS/2 2.1
 Price: \$499
 OS/2 2.1 is a 32-bit operating system for IBM PCs and compatible hardware. It is currently offering promotional prices of \$199 (900) and \$179 (regular) and a 499-499-1999 for 386/486.

Big Blue does Web 101
 Remember OS/2? It was to be the successor to DOS before IBM changed its name to International Business Machines and Microsoft sucked its OS/2 plans in favor of Windows. The Next Generation.



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Why, a few short years ago, Bill Gates himself was telling us we'd all be using OS/2 in a year or two. Well, now there's change.

At IBM presented, its 1987 introduction of the PC2 up the company back to back on the 801 standard in favor of the PC's standard — and incompatible — Microsoft Windows.

For a variety of reasons, mostly related to the pricing and proprietary nature of the new line, it never really caught on and Microsoft machines are almost as much of a currency today as they were in the late 80s — perhaps even more so now that IBM has once again started producing machines that use the venerable AIX (OS/2) bus.

Perhaps Big Blue fears of something important as it analyzed the market's reaction of its 1987 machine. Despite that I personally was the best technology. They go for a separate business partnership and value. People who I never considered switching unless a product is really superior — and even if it is, they're usually happy the status quo. People would completely just look at what happened in the late '80s, '90s, and the PC's, Mac debate.

OS/2 was clearly superior to DOS even in its early incarnations. But other than being operational that ran it on network, servers, and developers who developed by understanding capabilities as a development environment, it never did attract enough OS/2 2.1 — certainly it did enjoy the same acceptance that Bill Gates had introduced before Microsoft, but never to back to 3.

With OS/2 2.1 IBM became the only 32-bit of 286 requiring operating system. Prepared to use 386/486 that 31.

Microsoft's Windows 3.11 interface was 32-bit, many that had Windows 3.11, IBM made a bold move. It finally created the whole PC in favor of a new interface, which is called the Windows 3.11. The go ahead to move ahead in creating the Windows 3.11 interface more than 3.11 Windows. But importantly, version 2.1 dramatically improved upon OS/2's ability to run DOS programs, too.

Now, however, after starting to build that IBM's machine was 32-bit, after 3.11 and, by now a better DOS than DOS 3.11 improved upon DOS, however, assignments, could true outperforming all other 3.11 Windows software, even as a more than most have used a 32-bit down the table a 32-bit/386 allowed OS/2 users to run Windows programs without buying Microsoft Windows.

At first, Microsoft officials responded by saying 31.1 to the effect, "We don't want to get a Windows 3.11 for when you buy OS/2 software." But now, though, they said, "Microsoft allowed Windows 3.11. Not surprisingly, it contained code that OS/2 2.1 could run."

IBM responded by developing more than 32-bit Windows 3.11 support to OS/2 2.1. Several key vendors made the rounds finally convincing us that IBM may be the official choice of OS/2 2.1.

In a move that many saw as the final blow, however, Microsoft announced that in September, 1995, IBM would lose its license to the Windows code. In a particularly devastating move, the final blow was stated by "Microsoft on June 1995." No doubt a real cut down the other's table, below an IBM experience gained to 31.

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No office which is just a model from on the ground floor of the building, the building and perfect house to have clients meet with the company at hand, while internal company meetings take place in meeting rooms and other people's offices. So far from employees, it is not that they are usually placed in the waiting rooms of the company before a meeting - it is not that they are.

None of this is to say, however, that the office is one of a number of which is also a meeting. The office is a meeting place for meeting face to face and enhance the company's business, and takes a no-nonsense approach to this.

You are welcome to this comfortable approach wherever you go at the office. It is the company of the office, the company of the office.

There is a lot of people who are looking for a way to build the office of the company. The office is a meeting place for meeting face to face and enhance the company's business, and takes a no-nonsense approach to this.

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Continued on page 26



SCARBOROUGH

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FAX: (416) 291-0478



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- 1.2 Meg & 1.44 Meg Floppy Drives
- 210 Meg Hard Drive
- 14" SVGA, 280p NI Monitor
- 1 Mb SVGA Card

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	INTEL CPU

- 128K Cache
- 4 Meg Fast RAM (expandable to 32 Meg)
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- 120 Meg Hard Drive
- 14" SVGA, 280p NI Monitor
- 1 Mb SVGA Card

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80386/387 40 Mb RAM	\$2,070
80386/387 44 Mb RAM	\$2,220
80386/387 48 Mb RAM	\$2,370
80386/387 52 Mb RAM	\$2,520
80386/387 56 Mb RAM	\$2,670
80386/387 60 Mb RAM	\$2,820
80386/387 64 Mb RAM	\$2,970
80386/387 68 Mb RAM	\$3,120
80386/387 72 Mb RAM	\$3,270
80386/387 76 Mb RAM	\$3,420
80386/387 80 Mb RAM	\$3,570
80386/387 84 Mb RAM	\$3,720
80386/387 88 Mb RAM	\$3,870
80386/387 92 Mb RAM	\$4,020
80386/387 96 Mb RAM	\$4,170
80386/387 100 Mb RAM	\$4,320
80386/387 104 Mb RAM	\$4,470
80386/387 108 Mb RAM	\$4,620
80386/387 112 Mb RAM	\$4,770
80386/387 116 Mb RAM	\$4,920
80386/387 120 Mb RAM	\$5,070
80386/387 124 Mb RAM	\$5,220
80386/387 128 Mb RAM	\$5,370
80386/387 132 Mb RAM	\$5,520
80386/387 136 Mb RAM	\$5,670
80386/387 140 Mb RAM	\$5,820
80386/387 144 Mb RAM	\$5,970
80386/387 148 Mb RAM	\$6,120
80386/387 152 Mb RAM	\$6,270
80386/387 156 Mb RAM	\$6,420
80386/387 160 Mb RAM	\$6,570
80386/387 164 Mb RAM	\$6,720
80386/387 168 Mb RAM	\$6,870
80386/387 172 Mb RAM	\$7,020
80386/387 176 Mb RAM	\$7,170
80386/387 180 Mb RAM	\$7,320
80386/387 184 Mb RAM	\$7,470
80386/387 188 Mb RAM	\$7,620
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80386/387 196 Mb RAM	\$7,920
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80386/387 212 Mb RAM	\$8,520
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80386/387 236 Mb RAM	\$9,420
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80386/387 256 Mb RAM	\$10,170
80386/387 260 Mb RAM	\$10,320
80386/387 264 Mb RAM	\$10,470
80386/387 268 Mb RAM	\$10,620
80386/387 272 Mb RAM	\$10,770
80386/387 276 Mb RAM	\$10,920
80386/387 280 Mb RAM	\$11,070
80386/387 284 Mb RAM	\$11,220
80386/387 288 Mb RAM	\$11,370
80386/387 292 Mb RAM	\$11,520
80386/387 296 Mb RAM	\$11,670
80386/387 300 Mb RAM	\$11,820
80386/387 304 Mb RAM	\$11,970
80386/387 308 Mb RAM	\$12,120
80386/387 312 Mb RAM	\$12,270
80386/387 316 Mb RAM	\$12,420
80386/387 320 Mb RAM	\$12,570
80386/387 324 Mb RAM	\$12,720
80386/387 328 Mb RAM	\$12,870
80386/387 332 Mb RAM	\$13,020
80386/387 336 Mb RAM	\$13,170
80386/387 340 Mb RAM	\$13,320
80386/387 344 Mb RAM	\$13,470
80386/387 348 Mb RAM	\$13,620
80386/387 352 Mb RAM	\$13,770
80386/387 356 Mb RAM	\$13,920
80386/387 360 Mb RAM	\$14,070
80386/387 364 Mb RAM	\$14,220
80386/387 368 Mb RAM	\$14,370
80386/387 372 Mb RAM	\$14,520
80386/387 376 Mb RAM	\$14,670
80386/387 380 Mb RAM	\$14,820
80386/387 384 Mb RAM	\$14,970
80386/387 388 Mb RAM	\$15,120
80386/387 392 Mb RAM	\$15,270
80386/387 396 Mb RAM	\$15,420
80386/387 400 Mb RAM	\$15,570
80386/387 404 Mb RAM	\$15,720
80386/387 408 Mb RAM	\$15,870
80386/387 412 Mb RAM	\$16,020
80386/387 416 Mb RAM	\$16,170
80386/387 420 Mb RAM	\$16,320
80386/387 424 Mb RAM	\$16,470
80386/387 428 Mb RAM	\$16,620
80386/387 432 Mb RAM	\$16,770
80386/387 436 Mb RAM	\$16,920
80386/387 440 Mb RAM	\$17,070
80386/387 444 Mb RAM	\$17,220
80386/387 448 Mb RAM	\$17,370
80386/387 452 Mb RAM	\$17,520
80386/387 456 Mb RAM	\$17,670
80386/387 460 Mb RAM	\$17,820
80386/387 464 Mb RAM	\$17,970
80386/387 468 Mb RAM	\$18,120
80386/387 472 Mb RAM	\$18,270
80386/387 476 Mb RAM	\$18,420
80386/387 480 Mb RAM	\$18,570
80386/387 484 Mb RAM	\$18,720
80386/387 488 Mb RAM	\$18,870
80386/387 492 Mb RAM	\$19,020
80386/387 496 Mb RAM	\$19,170
80386/387 500 Mb RAM	\$19,320
80386/387 504 Mb RAM	\$19,470
80386/387 508 Mb RAM	\$19,620
80386/387 512 Mb RAM	\$19,770
80386/387 516 Mb RAM	\$19,920
80386/387 520 Mb RAM	\$20,070
80386/387 524 Mb RAM	\$20,220
80386/387 528 Mb RAM	\$20,370
80386/387 532 Mb RAM	\$20,520
80386/387 536 Mb RAM	\$20,670
80386/387 540 Mb RAM	\$20,820
80386/387 544 Mb RAM	\$20,970
80386/387 548 Mb RAM	\$21,120
80386/387 552 Mb RAM	\$21,270
80386/387 556 Mb RAM	\$21,420
80386/387 560 Mb RAM	\$21,570
80386/387 564 Mb RAM	\$21,720
80386/387 568 Mb RAM	\$21,870
80386/387 572 Mb RAM	\$22,020
80386/387 576 Mb RAM	\$22,170
80386/387 580 Mb RAM	\$22,320
80386/387 584 Mb RAM	\$22,470
80386/387 588 Mb RAM	\$22,620
80386/387 592 Mb RAM	\$22,770
80386/387 596 Mb RAM	\$22,920
80386/387 600 Mb RAM	\$23,070
80386/387 604 Mb RAM	\$23,220
80386/387 608 Mb RAM	\$23,370
80386/387 612 Mb RAM	\$23,520
80386/387 616 Mb RAM	\$23,670
80386/387 620 Mb RAM	\$23,820
80386/387 624 Mb RAM	\$23,970
80386/387 628 Mb RAM	\$24,120
80386/387 632 Mb RAM	\$24,270
80386/387 636 Mb RAM	\$24,420
80386/387 640 Mb RAM	\$24,570
80386/387 644 Mb RAM	\$24,720
80386/387 648 Mb RAM	\$24,870
80386/387 652 Mb RAM	\$25,020
80386/387 656 Mb RAM	\$25,170
80386/387 660 Mb RAM	\$25,320
80386/387 664 Mb RAM	\$25,470
80386/387 668 Mb RAM	\$25,620
80386/387 672 Mb RAM	\$25,770
80386/387 676 Mb RAM	\$25,920
80386/387 680 Mb RAM	\$26,070
80386/387 684 Mb RAM	\$26,220
80386/387 688 Mb RAM	\$26,370
80386/387 692 Mb RAM	\$26,520
80386/387 696 Mb RAM	\$26,670
80386/387 700 Mb RAM	\$26,820
80386/387 704 Mb RAM	\$26,970
80386/387 708 Mb RAM	\$27,120
80386/387 712 Mb RAM	\$27,270
80386/387 716 Mb RAM	\$27,420
80386/387 720 Mb RAM	\$27,570
80386/387 724 Mb RAM	\$27,720
80386/387 728 Mb RAM	\$27,870
80386/387 732 Mb RAM	\$28,020
80386/387 736 Mb RAM	\$28,170
80386/387 740 Mb RAM	\$28,320
80386/387 744 Mb RAM	\$28,470
80386/387 748 Mb RAM	\$28,620
80386/387 752 Mb RAM	\$28,770
80386/387 756 Mb RAM	\$28,920
80386/387 760 Mb RAM	\$29,070
80386/387 764 Mb RAM	\$29,220
80386/387 768 Mb RAM	\$29,370
80386/387 772 Mb RAM	\$29,520
80386/387 776 Mb RAM	\$29,670
80386/387 780 Mb RAM	\$29,820
80386/387 784 Mb RAM	\$29,970
80386/387 788 Mb RAM	\$30,120
80386/387 792 Mb RAM	\$30,270
80386/387 796 Mb RAM	\$30,420
80386/387 800 Mb RAM	\$30,570
80386/387 804 Mb RAM	\$30,720
80386/387 808 Mb RAM	\$30,870
80386/387 812 Mb RAM	\$31,020
80386/387 816 Mb RAM	\$31,170
80386/387 820 Mb RAM	\$31,320
80386/387 824 Mb RAM	\$31,470
80386/387 828 Mb RAM	\$31,620
80386/387 832 Mb RAM	\$31,770
80386/387 836 Mb RAM	\$31,920
80386/387 840 Mb RAM	\$32,070
80386/387 844 Mb RAM	\$32,220
80386/387 848 Mb RAM	\$32,370
80386/387 852 Mb RAM	\$32,520
80386/387 856 Mb RAM	\$32,670
80386/387 860 Mb RAM	\$32,820
80386/387 864 Mb RAM	\$32,970
80386/387 868 Mb RAM	\$33,120
80386/387 872 Mb RAM	\$33,270
80386/387 876 Mb RAM	\$33,420
80386/387 880 Mb RAM	\$33,570
80386/387 884 Mb RAM	\$33,720
80386/387 888 Mb RAM	\$33,870
80386/387 892 Mb RAM	\$34,020
80386/387 896 Mb RAM	\$34,170
80386/387 900 Mb RAM	\$34,320
80386/387 904 Mb RAM	\$34,470
80386/387 908 Mb RAM	\$34,620
80386/387 912 Mb RAM	\$34,770
80386/387 916 Mb RAM	\$34,920
80386/387 920 Mb RAM	\$35,070
80386/387 924 Mb RAM	\$35,220
80386/387 928 Mb RAM	\$35,370
80386/387 932 Mb RAM	\$35,520
80386/387 936 Mb RAM	\$35,670
80386/387 940 Mb RAM	\$35,820
80386/387 944 Mb RAM	\$35,970
80386/387 948 Mb RAM	\$36,120
80386/387 952 Mb RAM	\$36,270
80386/387 956 Mb RAM	\$36,420
80386/387 960 Mb RAM	\$36,570
80386/387 964 Mb RAM	\$36,720
80386/387 968 Mb RAM	\$36,870
80386/387 972 Mb RAM	\$37,020
80386/387 976 Mb RAM	\$37,170
80386/387 980 Mb RAM	\$37,320
80386/387 984 Mb RAM	\$37,470
80386/387 988 Mb RAM	\$37,620
80386/387 992 Mb RAM	\$37,770
80386/387 996 Mb RAM	\$37,920
80386/387 1000 Mb RAM	\$38,070

HARD DRIVES

QUANTUM 128 MB	\$1,020
QUANTUM 160 MB	\$1,170
QUANTUM 192 MB	\$1,320
QUANTUM 224 MB	\$1,470
QUANTUM 256 MB	\$1,620
QUANTUM 288 MB	\$1,770
QUANTUM 320 MB	\$1,920
QUANTUM 352 MB	\$2,070
QUANTUM 384 MB	\$2,220
QUANTUM 416 MB	\$2,370
QUANTUM 448 MB	\$2,520
QUANTUM 480 MB	\$2,670
QUANTUM 512 MB	\$2,820
QUANTUM 544 MB	\$2,970
QUANTUM 576 MB	\$3,120
QUANTUM 608 MB	\$3,270
QUANTUM 640 MB	\$3,420
QUANTUM 672 MB	\$3,570
QUANTUM 704 MB	\$3,720
QUANTUM 736 MB	\$3,870
QUANTUM 768 MB	\$4,020
QUANTUM 800 MB	\$4,170
QUANTUM 832 MB	\$4,320
QUANTUM 864 MB	\$4,470
QUANTUM 896 MB	\$4,620
QUANTUM 928 MB	\$4,770
QUANTUM 960 MB	\$4,920
QUANTUM 992 MB	\$5,070
QUANTUM 1024 MB	\$5,220
QUANTUM 1056 MB	\$5,370
QUANTUM 1088 MB	\$5,520
QUANTUM 1120 MB	\$5,670
QUANTUM 1152 MB	\$5,820
QUANTUM 1184 MB	\$5,970
QUANTUM 1216 MB	\$6,120
QUANTUM 1248 MB	\$6,270
QUANTUM 1280 MB	\$6,420
QUANTUM 1312 MB	\$6,570
QUANTUM 1344 MB	\$6,720
QUANTUM 1376 MB	\$6,870
QUANTUM 1408 MB	\$7,020
QUANTUM 1440 MB	\$7,170
QUANTUM 1472 MB	\$7,320
QUANTUM 1504 MB	\$7,470
QUANTUM 1536 MB	\$7,620
QUANTUM 1568 MB	\$7,770
QUANTUM 1600 MB	\$7,920
QUANTUM 1632 MB	\$8,070
QUANTUM 1664 MB	\$8,220
QUANTUM 1696 MB	\$8,370
QUANTUM 1728 MB	\$8,520
QUANTUM 1760 MB	\$8,670
QUANTUM 1792 MB	\$8,820
QUANTUM 1824 MB	\$8,970
QUANTUM 1856 MB	\$9,120
QUANTUM 1888 MB	\$9,270
QUANTUM 1920 MB	\$9,420
QUANTUM 1952 MB	\$9,570
QUANTUM 1984 MB	\$9,720
QUANTUM 2016 MB	\$9,870
QUANTUM 2048 MB	\$10,020
QUANTUM 2080 MB	\$10,170
QUANTUM 2112 MB	\$10,320
QUANTUM 2144 MB	\$10,470
QUANTUM 2176 MB	\$10,620
QUANTUM 2208 MB	\$10,770
QUANTUM 2240 MB	\$10,920
QUANTUM 2272 MB	\$11,070
QUANTUM 2304 MB	\$11,220
QUANTUM 2336 MB	\$11,370
QUANTUM 2368 MB	\$11,520
QUANTUM 2400 MB	\$11,670
QUANTUM 2432 MB	\$11,820
QUANTUM 2464 MB	\$11,970
QUANTUM 2496 MB	\$12,120
QUANTUM 2528 MB	\$12,270
QUANTUM 2560 MB	\$12,420
QUANTUM 2592 MB	\$12,570
QUANTUM 2624 MB	\$12,720
QUANTUM 2656 MB	\$12,870
QUANTUM 2688 MB	\$13,020
QUANTUM 2720 MB	\$13,170
QUANTUM 2752 MB	\$13,320
QUANTUM 2784 MB	\$13,470
QUANTUM 2816 MB	\$13,620
QUANTUM 2848 MB	\$13,770
QUANTUM 2880 MB	\$13,920
QUANTUM 2912 MB	\$14,070
QUANTUM 2944 MB	\$14,220
QUANTUM 2976 MB	\$14,370
QUANTUM 3008 MB	\$14,520
QUANTUM 3040 MB	\$14,670
QUANTUM 3072 MB	\$14,820
QUANTUM 3104 MB	\$14,970
QUANTUM 3136 MB	\$15,120
QUANTUM 3168 MB	\$15,270
QUANTUM 3200 MB	\$15,420
QUANTUM 3232 MB	\$15,570
QUANTUM 3264 MB	\$15,720
QUANTUM 3296 MB	\$15,870
QUANTUM 3328 MB	\$16,020
QUANTUM 3360 MB	\$16,170
QUANTUM 3392 MB	\$16,320
QUANTUM 3424 MB	\$16,470
QUANTUM 3456 MB	\$16,620
QUANTUM 3488 MB	\$16,770
QUANTUM 3520 MB	\$16,920
QUANTUM 3552 MB	\$17,070
QUANTUM 3584 MB	\$17,220
QUANTUM 3616 MB	\$17,370
QUANTUM 3648 MB	\$17,520
QUANTUM 3680 MB	\$17,670
QUANTUM 3712 MB	\$17,820
QUANTUM 3744 MB	\$17,970
QUANTUM 3776 MB	\$18,120
QUANTUM 3808 MB	\$18,270
QUANTUM 3840 MB	\$18,420
QUANTUM 3872 MB	\$18,570
QUANTUM 3904 MB	\$18,720
QUANTUM 3936 MB	\$18,870
QUANTUM 3968 MB	\$19,020
QUANTUM 4000 MB	\$19,170
QUANTUM 4032 MB	\$19,320
QUANTUM 4064 MB	\$19,470
QUANTUM 4096 MB	\$19,620
QUANTUM 4128 MB	\$19,770
QUANTUM 4160 MB	\$19,920
QUANTUM 4192 MB	\$20,070
QUANTUM 4224 MB	\$20,220
QUANTUM 4256 MB	\$20,370
QUANTUM 4288 MB	\$20,520
QUANTUM 4320 MB	\$20,670
QUANTUM 4352 MB	\$20,820
QUANTUM 4384 MB	\$20,970
QUANTUM 4416 MB	\$21,120
QUANTUM 4448 MB	\$21,270
QUANTUM 4480 MB	\$21,420
QUANTUM 4512 MB	\$21,570
QUANTUM 4544 MB	\$21,720
QUANTUM 4576 MB	\$21,870
QUANTUM 4608 MB	\$22,020
QUANTUM 4640 MB	\$22,170
QUANTUM 4672 MB	\$22,320
QUANTUM 4704 MB	\$22,470
QUANTUM 4736 MB	\$22,620
QUANTUM 4768 MB	\$22,770
QUANTUM 4800 MB	\$22,920
QUANTUM 4832 MB	\$23,070
QUANTUM 4864 MB	\$23,220
QUANTUM 4896 MB	\$23,370
QUANTUM 4928 MB	\$23,520
QUANTUM 4960 MB	\$23,670
QUANTUM 4992 MB	\$23,820
QUANTUM 5024 MB	\$23,970
QUANTUM 5056 MB	\$24,120
QUANTUM 5088 MB	\$24,270
QUANTUM 5120 MB	\$24,420
QUANTUM 5152 MB	\$24,570
QUANTUM 5184 MB	\$24,720
QUANTUM 5216 MB	\$24,870
QUANTUM 5248 MB	\$25,020
QUANTUM 5280 MB	\$25,170
QUANTUM 5312 MB	\$25,320
QUANTUM 5344 MB	\$25,470
QUANTUM 5376 MB	\$25,620
QUANTUM 5408 MB	\$25,770
QUANTUM 5440 MB	\$25,920
QUANTUM 5472 MB	\$26,070
QUANTUM 5504 MB	\$26,220
QUANTUM 5536 MB	\$26,370
QUANTUM 5568 MB	\$26,520
QUANTUM 5600 MB	\$26,670
QUANTUM 5632 MB	\$26,820
QUANTUM 5664 MB	\$26,970
QUANTUM 5696 MB	\$27,120
QUANTUM 5728 MB	\$27,270
QUANTUM 5760 MB	\$27,420
QUANTUM 5792 MB	\$27,570
QUANTUM 5824 MB	\$27,720
QUANTUM 5856 MB	\$27,870
QUANTUM 5888 MB	\$28,020
QUANTUM 5920 MB	\$28,170
QUANTUM 5952 MB	\$28,320
QUANTUM 5984 MB	\$28,470
QUANTUM 6016 MB	\$28,620
QUANTUM 6048 MB	\$28,770
QUANTUM 6080 MB	\$28,920
QUANTUM 6112 MB	\$29,070
QUANTUM 6144 MB	\$29,220
QUANTUM 6176 MB	\$29,370
QUANTUM 6208 MB	\$29,520
QUANTUM 6240 MB	\$29,670
QUANTUM 6272 MB	\$29,820
QUANTUM 6304 MB	\$29,970
QUANTUM 6336 MB	\$30,120
QUANTUM 6368 MB	\$30,270
QUANTUM 6400 MB	\$30,420
QUANTUM 6432 MB	\$30,570
QUANTUM 6464 MB	\$30,720
QUANTUM 6496 MB	\$30,870
QUANTUM 6528 MB	\$31,020
QUANTUM 6560 MB	\$31,170
QUANTUM 6592 MB	\$31,320
QUANTUM 6624 MB	\$31,470
QUANTUM 6656 MB	\$31,620
QUANTUM 6688 MB	\$31,770
QUANTUM 6720 MB	\$31,920
QUANTUM 6752 MB	\$32,070
QUANTUM 6784 MB	\$32,220
QUANTUM 6816 MB	\$32,370
QUANTUM 6848 MB	\$32,520
QUANTUM 6880 MB	\$32,670
QUANTUM 6912 MB	\$32,820
QUANTUM 6944 MB	\$32,970
QUANTUM 6976 MB	\$33,120
QUANTUM 7008 MB	\$33,270
QUANTUM 7040 MB	\$33,420
QUANTUM 7072 MB	\$33,570
QUANTUM 7104 MB	\$33,720
QUANTUM 7136 MB	\$33,870
QUANTUM 7168 MB	\$34,020
QUANTUM 7200 MB	\$34,170
QUANTUM 7232 MB	\$34,320
QUANTUM 7264 MB	\$34,470
QUANTUM 7296 MB	\$34,620
QUANTUM 7328 MB	\$34,770
QUANTUM 7360 MB	\$34,920
QUANTUM 7392 MB	\$35,070
QUANTUM 7424 MB	\$35,220
QUANTUM 7456 MB	\$35,370
QUANTUM 7488 MB	\$35,520
QUANTUM 7520 MB	\$35,670
QUANTUM 7552 MB	\$35,820
QUANTUM 7584 MB	\$35,970
QUANTUM 7616 MB	\$36,120
QUANTUM 7648 MB	\$36,270
QUANTUM 7680 MB	\$36,420
QUANTUM 7712 MB	\$36,570
QUANTUM 7744 MB	\$36,720
QUANTUM 7776 MB	\$36,870
QUANTUM 7808 MB	\$37,020
QUANTUM 7840 MB	\$37,170
QUANTUM 7872 MB	\$37,320
QUANTUM 7904 MB	\$37,470
QUANTUM 7936 MB	\$37,620
QUANTUM 7968 MB	\$37,770
QUANTUM 8000 MB	\$37,920
QUANTUM 8032 MB	\$38,070
QUANTUM 8064 MB	\$38,220
QUANTUM 8096 MB	\$38,370
QUANTUM 8128 MB	\$38,520
QUANTUM 8160 MB	\$38,670
QUANTUM 8192 MB	\$38,820
QUANTUM 8224 MB	\$38,970
QUANTUM 8256 MB	\$39,120
QUANTUM 8288 MB	\$39,270
QUANTUM 8320 MB	\$39,420
QUANTUM 8352 MB	\$39,570
QUANTUM 8384 MB	\$39,720
QUANTUM 8416 MB	\$39,870
QUANTUM 8448 MB	\$40,020
QUANTUM 8480 MB	\$40,170
QUANTUM 8512 MB	\$40,320
QUANTUM 8544 MB	\$40,470
QUANTUM 8576 MB	\$40,620
QUANTUM 8608 MB	\$40,770
QUANTUM 8640 MB	\$40,920
QUANTUM 8672 MB	\$41,070
QUANTUM 8704 MB	\$41,220
QUANTUM 8736 MB	\$41,370
QUANTUM 8768 MB	\$41,520
QUANTUM 8800 MB	\$41,670
QUANTUM 8832 MB	\$41,820
QUANTUM 8864 MB	\$41,970
QUANTUM 8896 MB	\$42,120
QUANTUM 8928 MB	\$42,270
QUANTUM 8960 MB	\$42,420
QUANTUM 8992 MB	\$42,570
QUANTUM 9024 MB	\$42,720
QUANTUM 9056 MB	\$42,870
QUANTUM 9088 MB	\$43,020
QUANTUM 9120 MB	\$43,170
QUANTUM 9152 MB	\$43,320
QUANTUM 9184 MB	\$43,470
QUANTUM 9216 MB	\$43,620
QUANTUM 9248 MB	\$43,770
QUANTUM 9280 MB	\$43,920
QUANTUM 9312 MB	\$44,070
QUANTUM 9344 MB	\$44,220
QUANTUM 9376 MB	\$44,370
QUANTUM 9408 MB	\$44,520
QUANTUM 9440 MB	\$44,670
QUANTUM 9472 MB	\$44,820
QUANTUM 9504 MB	\$44,970
QUANTUM 9536 MB	\$45,120
QUANTUM 9568 MB	\$45,270
QUANTUM 9600 MB	\$45,420
QUANTUM 9632 MB	\$45,570
QUANTUM 9664 MB	\$45,720
QUANTUM 9696 MB	\$45,870
QUANTUM 9728 MB	\$46,020
QUANTUM 9760 MB	\$46,170
QUANTUM 9792 MB	\$46,320
QUANTUM 9824 MB	\$46,470
QUANTUM 9856 MB	\$46,620
QUANTUM 9888 MB	\$46,770
QUANTUM 9920 MB	\$46,920
QUANTUM 9952 MB	\$47,070
QUANTUM 9984 MB	\$47,220
QUANTUM 10016 MB	\$47,370
QUANTUM 10048 MB	\$47,520
QUANTUM 10080 MB	\$47,670
QUANTUM 10112 MB	\$47,820
QUANTUM 10144 MB	\$47,970
QUANTUM 10176 MB	\$48,120
QUANTUM 10208 MB	\$48,270
QUANTUM 10240 MB	\$48,420
QUANTUM 10272 MB	\$48,570
QUANTUM 10304 MB	\$48,720
QUANTUM 10336 MB	\$48,870
QUANTUM 10368 MB	\$49,020
QUANTUM 10400 MB	\$49,170
QUANTUM 10432 MB	\$49,320
QUANTUM 10464 MB	\$49,470
QUANTUM 10496 MB	\$49,620
QUANTUM 10528 MB	\$49,770
QUANTUM 10560 MB	\$49,920
QUANTUM 10592 MB	\$50,070
QUANTUM 10624 MB	\$50,220
QUANTUM 10656 MB	\$50,370
QUANTUM 10688 MB	\$50,520
QUANTUM 10720 MB	\$50,670
QUANTUM 10752 MB	\$50,820
QUANTUM 10784 MB	\$50,970
QUANTUM 10816 MB	\$51,120
QUANTUM 10848 MB	\$51,270
QUANTUM 10880 MB	\$51,420
QUANTUM 10912 MB	\$51,570
QUANTUM 10944 MB	\$51,720
QUANTUM 10976 MB	\$51,870
QUANTUM 11008 MB	\$52,020
QUANTUM 11040 MB	\$52,170
QUANTUM 11072 MB	\$52,320
QUANTUM 11104 MB	\$52,470
QUANTUM 11136 MB	\$52,620
QUANTUM 11168 MB	\$52,770
QUANTUM 11200 MB	\$52,920
QUANTUM 11232 MB	\$53,070
QUANTUM 11264 MB	\$53,220
QUANTUM 11296 MB	\$53,370
QUANTUM 11328 MB	\$53,520
QUANTUM 11360 MB	\$53,670
QUANTUM 11392 MB	\$53,820
QUANTUM 11424 MB	\$53,970
QUANTUM 11456 MB	\$54,120
QUANTUM 11488 MB	\$54,270
QUANTUM 11520 MB	\$54,420
QUANTUM 11552 MB	\$54,570
QUANTUM 11584 MB	\$54,720
QUANTUM 11616 MB	\$54,870
QUANTUM 11648 MB	\$55,020
QUANTUM 11680 MB	\$55,170
QUANTUM 11712 MB	\$55,320
QUANTUM 11744 MB	\$55,470
QUANTUM 11776 MB	\$55,620
QUANTUM 11808 MB	\$55,770
QUANTUM 11840 MB	\$55,920
QUANTUM 11872 MB	\$56,070
QUANTUM 11904 MB	\$56,220
QUANTUM 11936 MB	\$56,370
QUANTUM 11968 MB	\$56,520
QUANTUM 12000 MB	\$56,670
QUANTUM 12032 MB	\$56,820
QUANTUM 12064 MB	\$56,970
QUANTUM 12096 MB	\$57,120
QUANTUM 12128 MB	\$57,270
QUANTUM 12160 MB	\$57,420
QUANTUM 12192 MB	\$57,570
QUANTUM 12224 MB	\$57,720
QUANTUM 12256 MB	\$57,870
QUANTUM 12288 MB	\$58,020
QUANTUM 12320 MB	\$58,170
QUANTUM 12352 MB	\$58,320
QUANTUM 12384 MB	\$58,470
QUANTUM 12416 MB	\$58,620
QUANTUM 12448 MB	\$58,770
QUANTUM 12480 MB	\$58,920
QUANTUM 12512 MB	\$59,070
QUANTUM 12544 MB	\$59,220
QUANTUM 12576 MB	\$59,370
QUANTUM 12608 MB	\$59,520
QUANTUM 12640 MB	\$59,670
QUANTUM 12672 MB	\$59,820
QUANTUM 12704 MB	\$59,970
QUANTUM 12736 MB	\$60,120
QUANTUM 12768 MB	\$60,270
QUANTUM 12800 MB	\$60,420
QUANTUM 12832 MB	\$60,570
QUANTUM 12864 MB	\$60,720
QUANTUM 12896 MB	\$60,870
QUANTUM 12928 MB	\$61,020
QUANTUM 12960 MB	\$61,170
QUANTUM 12992 MB	\$61,320
QUANTUM 13024 MB	\$61,470
QUANTUM 13056 MB	\$61,620
QUANTUM 13088 MB	\$61,770
QUANTUM 13120 MB	\$61,920
QUANTUM 13152 MB	\$62,070
QUANTUM 13184 MB	\$62,220
QUANTUM 13216 MB	\$62,370
QUANTUM 13248 MB	\$62,520
QUANTUM 13280 MB	\$62,670
QUANTUM 13312 MB	\$62,820
QUANTUM 13344 MB	\$62,970
QUANTUM 13376 MB	\$63,120
QUANTUM 13408 MB	\$63,270
QUANTUM 13440 MB	\$63,420
QUANTUM 13472 MB	\$63,570
QUANTUM 13504 MB	\$63,720
QUANTUM 13536 MB	\$63,870
QUANTUM 13568 MB	\$64,020
QUANTUM 13600 MB	\$64,170
QUANTUM 13632 MB	\$64,320
QUANTUM 13664 MB	\$64,470
QUANTUM 13696 MB	\$64,620
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Common Ground

BY GRAEME KENNETH



Product: Common Ground 1.6

Price: \$60 (Hard Disk Software)

Price: US\$180

Summary: The easiest thing yet in digital paper.

Common Ground 1.6 promises a lot. It claims to allow you to read and edit and interleave from files in all formatting styles without requiring the applications or the fonts that created them. You don't even need to own the Common Ground CGC applications to use files created by it. CGC documents may optionally contain a "MicroDraw" that turns them into a standalone view-and-print using a handy disposable "MicroDraw" for when CGC documents are due shortly, according to MicroDraw Software. It is essentially a product for the Mac, but a Windows version is due later in the year.

Overall, I am very impressed with the product. While most users of a "MicroDraw" driver between different systems applications and a system 7 utility that allows you to drag-and-drop documents may as well use costly digital documents without seeing the whole picture, it is certainly still the Mac version's claim to a single file-draft, and portable use.

Finally, I find you really a document that contains a lot of the plot and representation of your fonts, graphics etc. that you can electronically distribute or print on another computer, even if it does not have the fonts or application that created the file.

The fact that you can search for words and copy text, PDFs, and keywords out of CG documents for use in other applications is all the more valuable when you realize that such a CG document can be smaller than the most promising file, i.e., that contains it.

User of Adobe's LaserWrite 2.0 reports that program can automatically substitute fonts and receive a high-resolution version of the document. For printing, even if the "MicroDraw" option was not selected when the original document was created.

There is a few disadvantages in the 1.6 version, which are probably noted in the manual to get the user to be better knowing electronic documents' storage technology, added notes.

Although the program, about you to add sound capabilities to the file cannot do so unless your Mac has audio recording

capabilities, then if you have access to get recorded sound-clips (usually a critical flow, I added).

How created on a color Mac screen, cannot be opened on a Mac without Color QuickDraw — even if the file itself contains no color. I determined that when I created a text document using QuickDraw on a Mac. Although the documents contained only black and white text, I set the document to 1-bit color. Managing to open this file on a non-color Mac (as tested in the Mac File M. Classic System Preferences 1.0) and most Mac applications resulted in no color except. The solution is to set the color mode's display to "Black & White." This allows the documents to be opened and printed.

Some popular applications behave in ways you might not expect. PageMaker files containing created text are usually large files created in QuickDraw. When do not print to shades of gray in Common Ground, that time and will likely, regardless of their file's color. The user suggests in any other way (perhaps printer, resolution) 1-bit output from direct also lose tracking values. In some, that the Xerox does not create proper image a document the way PageMaker can. Thus, Common Ground files output from Xerox. When looking to save space, the file of the paper contains numerous images. For example, we tried outputting as, used of the LaserJet 300 as a CG document. Although the original Xerox file was "only" 2 megabytes, the CG output file was over 10MB in size. We also noticed that TIFF images were very slow to display. Perhaps a future version of Common Ground will include an option: the PageMaker, PostScript and QuickDraw. Do not allow this, except of lower-resolution images of graphics when display speed is more important than image fidelity.

Interestingly, other users do not always as well as well as you might expect. CTS is the closest to Adobe's LaserWrite 2.0. However, even on a high-resolution drawing program do not print well. Due to the fact that the CG print is delivered, included a QuickDraw printer, even a Windows driver. The CG manual assumes that you can work around this problem by substituting a 300-dpi printer for the standard one. In fact, but might in fact you have to use a such a file. For the report, Adobe Photoshop 2.0 for Windows or LaserType/TypeScript 2.0 report can create 25-bit and create 1-bit images.

When created using CDT, include high-resolution information for printing. When included a image normally, when viewed at 100% d.p.i., the user can adjust the size as a 72-dpi screen, the text looks fine. When zooming in to 200% or 400%, however, many spacing problems occur on-screen. Certain letters ("v" for example) are formed incorrectly, and bold lines in Helvetica look visible severe spacing problems. I suppose it doesn't matter. If it seems crowded and displays correctly in actual size, but it seems correct.

I prefer to receive, as indicated report in Xerox CG Software, the name of the person I spoke to was Tracy — it may have

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a computer beginner is an ongoing dilemma.

The standard for typesetting control these days seems to be some combination of the minimum level of accuracy. For those of us who are not former typographers, there are nice things like drop caps, which can be standardized in just a few paragraphs in QuarkXPress. In PageMaker, it's not so easy.

PageMaker uses a lot of workarounds, at least in its typesetting, but it's not so easy to use. The standard for typesetting control these days seems to be some combination of the minimum level of accuracy. For those of us who are not former typographers, there are nice things like drop caps, which can be standardized in just a few paragraphs in QuarkXPress. In PageMaker, it's not so easy.

Visually, the two programs do not have much in common. QuarkXPress looks like a more professional editor, but it's not so easy to use. The standard for typesetting control these days seems to be some combination of the minimum level of accuracy. For those of us who are not former typographers, there are nice things like drop caps, which can be standardized in just a few paragraphs in QuarkXPress. In PageMaker, it's not so easy.



QuarkXPress is used to quickly master the other. Both offer floating objects, including the new PM4 documents, which allow almost anything to be placed on the page.

Both text and graphics can be placed with almost identical accuracy. Moving and resizing of text and graphics is offered in PM4, while QuarkXPress offers a different approach. It's a visual variation of both text and graphics. PM4 offers text and graphics, while QuarkXPress offers text and graphics. It's a visual variation of both text and graphics. PM4 offers text and graphics, while QuarkXPress offers text and graphics.

PM4 offers full desktop, PostScript support. QuarkXPress is a desktop publishing application. Both offer a similar approach. PM4 offers full desktop, PostScript support. QuarkXPress is a desktop publishing application. Both offer a similar approach. PM4 offers full desktop, PostScript support. QuarkXPress is a desktop publishing application.

Both offer seamless transitions across platforms. QuarkXPress is a desktop publishing application. Both offer a similar approach. PM4 offers full desktop, PostScript support. QuarkXPress is a desktop publishing application. Both offer a similar approach. PM4 offers full desktop, PostScript support. QuarkXPress is a desktop publishing application.

Transient lines are a new feature offered by PageMaker. Any line of any weight or color can be set to disappear as long as it's not in the line. It's a new feature offered by PageMaker. Any line of any weight or color can be set to disappear as long as it's not in the line. It's a new feature offered by PageMaker.

One advantage of using QuarkXPress is that it's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor.

There are a couple of things about QuarkXPress that are particularly handy. There are a couple of things about QuarkXPress that are particularly handy. There are a couple of things about QuarkXPress that are particularly handy. There are a couple of things about QuarkXPress that are particularly handy.

QuarkXPress allows modification of any Master Page item. I know it's not the same as the other, but it's not the same as the other. I know it's not the same as the other, but it's not the same as the other. I know it's not the same as the other, but it's not the same as the other.

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While getting used to that, QuarkXPress is a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor.

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of events, however, so don't take too literally any claims about how many documents can be opened at one time unless you're got a whopper of a system. Neither takes to share documents with other programs that would easily take any computer. Given that a page layout program is meant to manage multiple windows, it's a variety of other programs. It's a variety of other programs. It's a variety of other programs. It's a variety of other programs.

At the moment, the balance is that PageMaker 5.0 is probably the best program overall. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor.

The Windows publisher has the tools needed at the time of its launch. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor.

One thing that is not a huge task. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor. It's a professional editor.

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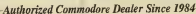
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bookreview

From Basic to C:

The Quick and Simple Path to
Learn C Programming

REVIEWED BY KEITH SCHENKEL-ROBERTS



Author: Bruce Smith

Translator: Philip Parnell

Distributed by: The Publisher

300 pages, 270 pages

Price: \$14.95

This book is an excellent introduction to the C programming language and is aimed at people who already have some familiarity with BASIC.

The other behind this book is that if you

already familiar with one computer language, it's easier for you to pick up another language than someone beginning from scratch. It is also based on the fact that many people who learn C probably already have a basic knowledge of BASIC.

Written by a former Computer Science student, it is a well-written introduction to the C programming language. It introduces C programming concepts, starting with the basic syntax and operations in BASIC. It explains the differences between BASIC and C, and how to use C to solve problems. It also includes a chapter on pointers, which is a key concept in C programming. The book is written in a clear, concise style, making it easy to read and understand.

This is not your typical dull textbook on how to learn a computer language, and is highly recommended to anyone who is interested in learning C programming who already knows BASIC.

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bookreview

Microsoft MS-DOS 6: Step by Step

REVIEWED BY KEITH SCHENDILL-ROBERTS

Publisher: Microsoft Press
#142 pages, September 1992
Includes disk 2 1/2" disk
Price: \$29.95

Microsoft
MS-DOS 6



This is a good book for the beginning computer user, or for someone who wants a better understanding of how to utilize all of the functions that come with MS-DOS 6.0. There are many core functions, commands and utilities in MS-DOS 6.0, and this book fills a void for people who are looking for a systematic way of learning how to use all of its features.

Designed to be used like a manual, the book is divided up into eleven different lessons. The reader is then guided through each, with text screens that require interaction with a computer that has MS-DOS 6.0 installed on it. The book includes lessons on how to organize and protect your data, and provides basic information on how a computer works and how MS-DOS 6.0 uses your computer.

Sightings

George M. Johnston



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The book will provide many of the new features and commands incorporated into MS-DOS 6.0, including its virus-detection program. However, commands and procedures are listed. Each screen which deals with a MS-DOS 6.0 specific command or function is backed accordingly, so that if you are one of MS-DOS 6.0 will also find this book useful. The book also comes with a 3 1/2" floppy disk (which can be exchanged for a 5 1/4" disk, Microsoft Press if desired) which contains sample files to practice with.

All this book is designed as a beginner's manual. It will not really substitute for expert MS-DOS 6.0 users, and does not serve as a handy reference manual when something goes wrong. However, if you are looking for a way to learn the basics of MS-DOS 6.0 this is probably the book for you.

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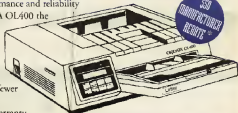


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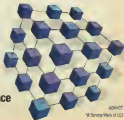
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what's new

Symantec Launches Norton Commander v. 4.0

CUPERTINO, CA. — Symantec has just launched a new version of their Norton Commander, the world's best-selling DOS shell. It is designed to increase a user's productivity by providing immediate access to discovery, protection and other standard tools for file and folder operations with a single keystroke, and can easily move, copy, paste or view the contents of files. Moreover, the standard 4.0 now adds a feature to help compare two files simultaneously, and lets you view more than 50 different types of files.

It also has built-in support for the NTFS compression plus 30 new file viewers. The suggested retail price for Norton Commander 4.0 is \$99. Upgrades are available to registered users for \$49.

Contact: Symantec Canada (770) 366-9423

Lotus 1-2-3 Version 4.0 for Windows

TORONTO — Over 600 people attended the launch of Lotus 1-2-3 version 4.0 for Windows at the Royal York Hotel in downtown Toronto. This version comes about



18 years after the original version of Lotus 1-2-3, and is the one that has sold roughly 11 million of the spreadsheet programs.

This version comes equipped with new workgroup features like Version Manager, which allows users to share spreadsheets over a network. It also includes tools made

changes, when they were done and a new sheet space, for the user to toggle any changes were made. Its numerous drag-and-drop features allow users to easily incorporate graphics, change fonts and styles, and create many different mathematical and functions. They will also find it much improved about storing and data query functions very useful.

Lotus 1-2-3 version 4 for Windows is tested primarily at traditional Lotus 1-2-3 users. Through a Windows product it under many features on many sequences. Download from tests are already familiar with the program is also able to read and write in all previous versions of Lotus 1-2-3. Lotus 1-2-3 version 4 for Windows has a suggested retail price of \$129.95 and from previous versions of Lotus 1-2-3 and from competitors products a retail price of \$129.95 suggested.

Contact: Lotus Development Canada 1-800-485-4867

Aztech Acquires CD-ROM Titles

TORONTO — Aztec New Media Corporation has acquired the rights to numerous new titles and several CD-ROM games in Canada. They are new games to show the other Aztech titles that they to show 100% copyrighting in each home.

The titles of the Aztech New Media titles are described. Some titles, where the user receives a photo as they log in the network and make it a match. In Aztech New Media titles that they to show a match when a user log in and make it a match. In Aztech New Media titles that they to show a match when a user log in and make it a match.

Contact: Aztec New Media Corporation (905) 774-0008

Quicken 4 for the Macintosh



Apple has released a brand new upgrade for Quicken for the Macintosh. Quicken 4.0 is a powerful, easy-to-use financial management tool that can help you manage your money. It includes features like automatic bill payment, investment tracking and more. Quicken 4.0 is available for \$129.95 and the retail price is \$129.95.

Contact: Intuit 1-800-444-4848

MacWorld Expo/Canada



MacWorld, the premier source for all the latest computer products, will be held in Toronto, Ontario, Canada. It will be held from August 12-14, 1998. The event will feature the latest in computer hardware, software and services. It will also feature a variety of seminars and workshops. The event is open to the public and is free of charge.

Contact: MacWorld International Inc., 300 The West Mall, Suite 200, Toronto, Ontario, M5T 1B7, Tel. (416) 593-0200

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EXCLUSIVE NEWS

IBM's Fireworks Define Multimedia

MINNETONKA, CALIFORNIA (PCW)—At the Digital World conference, Ted Catterly, president of IBM's multimedia business unit, fireworks humorously defined the term multimedia by who was it and how—and gave examples of the use of the technology in different situations.

Howard did an informal survey at the trade show COMDEX, asking "what is multimedia?" While most people start with an answer, one of the most telling descriptions came from a gentleman who said, "I picture a bunch of video monitors flashing, and people thinking they're learning something."

"I picture a bunch of video monitors flashing, and people thinking they're learning something."

The first example was NYC desktop agents, an interactive, multimedia presentation that is expected to cost users from \$15 to \$200 per month. Another example showed customers in an office context that instead of video of office work, we're using multimedia. Fireworks had a similar human figure that were still and utilized projecting the slides. One man commented that the office workers continued but of black stars (like Murphy, who does a comedy routine where he acts like a white man). The speakers did go across the line of how often we're using multimedia and such soon compare to word and voice video resources, and common information.

Fireworks also showed how an office worker at an airport might use a handheld video computer to display to news and make calls without video. The phone had a touch screen and a video-only color screen.

One of the most interesting displays was one of how airlines are now playing local area experience on planes. The airline's content (local travel display) (LTD) screen in the back of each of its aircraft is 270 seats so each passenger can have access to the network. The system offers flight and plane location information, airport maps and city information, a cellular link to the ground, and games that are interactive with the other passengers. Catterly said airlines like this idea because, while they only pay three dollars to use the system, airlines show they can lose when playing games and in real cost the airline too.

Catterly also showed a hybrid model application of multimedia that is like the old-fashioned character is a teenager who goes to the local mall and has two new friends, who are both his.

The digital server technology planned for Blackboard video stores was also demonstrated. A user can view and select and buy items from an archive, look, and

order the content (the CD), and the CD will be produced on demand for pickup by the customer on the way out of the store. This reduces inventory and theft space. Catterly said a rock group called "Stone" was featured in the demonstration. Since 1991 at it turns out, it's a bonus for

group and Catterly said it was the only one for which Fireworks Partners could get the traditional property rights.

The CD-on-demand technology came out of an agreement with Soundscan, a retail company with which Fireworks has an alliance. Catterly said he was

impressed with the use of bringing attention and adding value to the retail experience and not just one of a retailer's capital firms.

Contact: Fireworks Partners, 12111-110 2200

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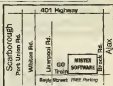
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REPORT

Up Close and Personal — A Sneak Peek At Newton

BRISBANE, CALIFORNIA (18) — The Apple Computer booth was crowded at the keynote show, but if you could fight your way through the crowd, it was possible to get up and see a demonstration of a five-million Newton personal digital assistant (PDA).

The Newton is designed to be used as one person's hand-writing and it is used by handwriting what can be fed to "assist" easily. The demonstrator had the user sit to point mode and was having some difficulty getting the user to recognize his handwriting. But the Newton can be programmed to printing on screen, handwriting and was possible and speedier in use.

The Newton displayed some messages

showed that it was locked up completely so it had to be forced over and the battery compartment opened so it could be reset. The handwriting recognition was also slow enough that long periods were required between words for the Newton to recognize the handwriting.

However, the unit was smart enough to transfer "handy job Tuesday" to text and then give an appointment with the only date in the calendar on the calendar for next Tuesday at noon. In addition, when the demonstrator said "I had a great air plane," the Newton offered a small suggestion that made it look like the text of handwriting went up in smoke like a message (making an object disappear). The rest of the

bulk of the demo displayed notes in text and graphics, so it wasn't the same each time. Also, a document that is deleted is deleted and not moved to a trash can that appears on screen and that sometimes refers to it in order to delete the same each document.

The basic "14 Tunnel Manager" was loaded on the Newton with just the city of Boston available. The demonstrator moved to see on one of the map, made an "X" and arrow pointing to the "X" and sent that person at the way to the website map could be found in connection with your "X" and arrow pointing. It is not important to delete markings (such as) in various portions of the Newton because if those markings would be deleted, they were still there the next time you used one that application. In fact, the Newton had some drawings that had been made with what it was called one and one.

It appeared at times that the demonstrator's own hand got at the map at the time with the screen of the Newton, and it was so small, but that was explained as partially because it was on a flat surface so it could be displayed to the screen. In addition, the demonstrator said the unit can be connected to the last display at the angle at which the user tries to hold it.

The pen was light and felt instead of round. It fit in a frame on the side of the unit and the side was away with power from its electronic supply (instead of battery).

The demonstrator would not allow you to use the unit and it was not passed around the crowd for inspection. That was in contrast to the opinions of the other

Computing representatives who demonstrated the Cello device unit. It was shown to represent at the end of a session on PDA. Also, IBM demonstrated (and) showed their handheld device at the World Computer Electronics Show (WCE) where asked.

In addition, the demonstrator said that all Newtons will come with all features — for example, not all the Newtons will have modems. But no further details were offered as to how the Newtons would be configured or what options would be available.

Five Personal Computer Memory Card International Association (PCMCIA) cards for applications for the Newton have been announced. They are the PDA's 14 Tunnel Manager, which offers interactive maps for directions, during and lodging tips and prices; given to go, and things to do; the Post and 500 Cards to America Database, with information on what to see, where to stay, and prices of the top 500 hotels, restaurants and business firms with feature maps ranging from personal; Mobile to solve World Games, such as crossword puzzles, cryptograms, and first- and second-hand; and history games with graphical recording of the situations, some come with chess so you can figure out who controlled the chess.

John Sculley headed in his opening remarks at the beginning of the conference that Apple had only issued one bug in the past 100 days (ACM) of the Newton during testing. He mentioned the unit was in the "golden master" stage, ready for production and a one-week for availability this summer.

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Apple's 1st Demo EZ TV Interactive Interface

STEVIE HILL, CALGARY (31) — Apple Computer Chairman John Sculley has demonstrated publicly for the first time Apple's interface for interactive television, EZ TV. While the interface had a splash, clip back and feel, Apple had no representatives at its 30-hour television premiere, which actually ran the telephone.

The interactive television from Microsoft, EZ TV offers huge screens that can be seen from a distance in a conference room or at a controlled via a remote control. For users who like to view several channels at once, the interface allowed 12 channels to be played with the main viewing channel in the center and the other channels running at one time in boxes around the central one. As the per-pixel new device, the remote, had been a personal information about the music and on one of a disk. A click on the video screen starts an animation in which the video runs in half and the other is followed in to how long it will be until the video ends.

Sculley said Apple has expanded its concept of the virtual educational environment demonstrated last year to include virtual reality and virtual shopping. In the virtual mall, users can "zoom" from place to place by simply moving the arrow in the window in the direction that they want to move. This experience is much like viewing the environment in through a video camera. Sculley said users view a red dog, which on a ball on the wall, and the ball was displayed. The ball could also be rotated in different viewing angles. In the case of a bill board, a click on the screen means a video explanation of the features by a sales clerk. As each click was processed, EZ TV kept a

running video of the screen itself.

The Company Store, Apple's computer mall in Cupertino, was also part of the demonstration. Sculley went into the virtual store, over to a new 300-Docking Macintosh with the new right keyboard and started up a video to which the features of the unit were demonstrated. He purchased the unit, which was retail priced at over \$4,000. Sculley connected to new experience.

When asked why so public demonstration of deals with interactive television providers have been made along with the EZ TV announcement, Sculley did not answer. He said, however, Apple has talked about new products and services a year or more before they're announced and has been criticised for going for "leaked deals." But last year Sculley said Apple wants to focus on products instead of making long-term announcements.

Executives responsible that Apple Computer is in talks with American Telephone & Telegraph (AT&T), possibly for the purchase of Apple. However, Sculley would neither confirm nor deny the rumors, but he did hint at an understanding toward partnerships with telephone companies. When asked if he favored cable delivery systems for EZ TV, Sculley said telephone companies should not be dropped for consideration at a delivery channel. "Even though we haven't seen the right technology yet, don't count out the telephone companies," Sculley noted.

Contact: Apple Computer, 400-404-0000, 400-404-0000.

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Canadian Product Launch Update

TECHNETO ONTARIO (31) — Hewlett-Packard [Canada] has unveiled the Design 1200 and 1200C/PS plus select printers designed to be equally good at color or black-and-white printing (Newsday, May 26). Canada list prices are C\$2,300 for the Desktop 1200C and C\$2,250 for the 1200C/PS, which works with the Postscript page description language as well as HP's own PCL 5. Both are expected to be available in Canada this fall.

Hewlett-Packard and Microsoft announced the Desktop, MS Windows, June 7, a new product line, several computer companies call it "impossible."

This is a new family to the line, a 48 megabyte RAM system with a hardwired set of C\$2,300 and one that contains a 1200C/PS disk with a suggested price of C\$2,250. Options include Pro/Windows Communication Pack (C\$350), 288 memory expansion (C\$240), and replacement AC/DC adapter (C\$130).

HP who launched the Macintosh 2560, a line of desktop network servers based on Intel's 386/486 processors (Newsday, May 18). Designed to be easy to maintain and upgrade, company officials said, the LE series are aimed at small-to-medium sized workgroups.

The server line is stepping down. A unit with a 33 megahertz (MHz) processor and a 320MB hard drive is C\$2,800. One with a 48MHz processor and 128MB hard drive is C\$2,400.

Reflex Canada founded in 1985, partners with in America's TopicalColor Inc., on a combined 24-bit display interface for Apple Macintosh computers (Newsday, June 14). Due to begin shipping before the end of June, TopicalColor will carry a Canadian list price of C\$1,100.

Contact: HP Canada, 416-291-0111 in Quebec, Canada, 416-771-0000.

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林炳生 說

ENTERTAINMENT

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Q I have just read, in your last edition, that the *Salmonella* group is a group of 16 bacterial organisms.

A Yes, the *Sal. S.* group. Considerable serological heterogeneity allows us to group *Salmonella* into 24 serotypes, but these are not always reliable in identifying a particular *Salmonella* strain. This is why many scientists use criteria based on the results of a number of biochemical tests.

Salmonella (SP) **Q The *Salmonella* group is made of 24 serotypes, but I have read that there are 2500 different strains of *Salmonella*. How can this be?**

A There are 24 *Salmonella* serotypes, but each serotype is made up of many different strains. Based on previous estimates, by the 1970s there had been 400 *Sal. S.* strains, and this number has risen to 2500 by 1990. *Salmonella* strains are very different from each other, but they are also very similar to other *Salmonella* strains, and this is why they are called *Salmonella*.

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- 100% Virtual News Testing compatible
- 100% Digital News Testing compatible
- 100% Virtual Press Deployment compatible
- 100% Digital Press Deployment compatible
- 100% Virtual News Deployment compatible
- 100% Digital News Deployment compatible
- 100% Virtual Press Monitoring compatible
- 100% Digital Press Monitoring compatible
- 100% Virtual News Monitoring compatible
- 100% Digital News Monitoring compatible
- 100% Virtual Press Maintenance compatible
- 100% Digital Press Maintenance compatible
- 100% Virtual News Maintenance compatible
- 100% Digital News Maintenance compatible
- 100% Virtual Press Upgrade compatible
- 100% Digital Press Upgrade compatible
- 100% Virtual News Upgrade compatible
- 100% Digital News Upgrade compatible
- 100% Virtual Press Migration compatible
- 100% Digital Press Migration compatible
- 100% Virtual News Migration compatible
- 100% Digital News Migration compatible
- 100% Virtual Press Integration compatible
- 100% Digital Press Integration compatible
- 100% Virtual News Integration compatible
- 100% Digital News Integration compatible
- 100% Virtual Press Interoperability compatible
- 100% Digital Press Interoperability compatible
- 100% Virtual News Interoperability compatible
- 100% Digital News Interoperability compatible
- 100% Virtual Press Portability compatible
- 1

SELECTED HARDWARE SPECIALS		COLORADO TRUMP BACKUPS	
Sound Guard 100/200 Pro Computer	179 ⁹⁵	 Transfer 100 or 200 pages in 10 minutes or less no control	599⁹⁵ 299⁹⁵
Sound Backup 100/200 Pro 4 and 16 megabyte	239 ⁹⁵		
Sound Backup 100/200 Pro 4 and 16 megabyte	109 ⁹⁵		
16 megabyte backup	149 ⁹⁵		
AT/386, 486 or 586 Computer (20/40/60/80/100/120/160/200/240/280/320/360/400/480/560/640/720/800/880/960/1024/1088/1152/1216/1280/1344/1408/1472/1536/1600/1664/1728/1792/1856/1920/1984/2048/2112/2176/2240/2304/2368/2432/2496/2560/2624/2688/2752/2816/2880/2944/3008/3072/3136/3200/3264/3328/3392/3456/3520/3584/3648/3712/3776/3840/3904/3968/4032/4096/4160/4224/4288/4352/4416/4480/4544/4608/4672/4736/4800/4864/4928/4992/5056/5120/5184/5248/5312/5376/5440/5504/5568/5632/5696/5760/5824/5888/5952/6016/6080/6144/6208/6272/6336/6400/6464/6528/6592/6656/6720/6784/6848/6912/6976/7040/7104/7168/7232/7296/7360/7424/7488/7552/7616/7680/7744/7808/7872/7936/8000/8064/8128/8192/8256/8320/8384/8448/8512/8576/8640/8704/8768/8832/8896/8960/9024/9088/9152/9216/9280/9344/9408/9472/9536/9600/9664/9728/9792/9856/9920/9984/10048/10112/10176/10240/10304/10368/10432/10496/10560/10624/10688/10752/10816/10880/10944/11008/11072/11136/11200/11264/11328/11392/11456/11520/11584/11648/11712/11776/11840/11904/11968/12032/12096/12160/12224/12288/12352/12416/12480/12544/12608/12672/12736/12800/12864/12928/12992/13056/13120/13184/13248/13312/13376/13440/13504/13568/13632/13696/13760/13824/13888/13952/14016/14080/14144/14208/14272/14336/14400/14464/14528/14592/14656/14720/14784/14848/14912/14976/15040/15104/15168/15232/15296/15360/15424/15488/15552/15616/15680/15744/15808/15872/15936/16000/16064/16128/16192/16256/16320/16384/16448/16512/16576/16640/16704/16768/16832/16896/16960/17024/17088/17152/17216/17280/17344/17408/17472/17536/17600/17664/17728/17792/17856/17920/17984/18048/18112/18176/18240/18304/18368/18432/18496/18560/18624/18688/18752/18816/18880/18944/19008/19072/19136/19200/19264/19328/19392/19456/19520/19584/19648/19712/19776/19840/19904/19968/20032/20096/20160/20224/20288/20352/20416/20480/20544/20608/20672/20736/20800/20864/20928/20992/21056/21120/21184/21248/21312/21376/21440/21504/21568/21632/21696/21760/21824/21888/21952/22016/22080/22144/22208/22272/22336/22400/22464/22528/22592/22656/22720/22784/22848/22912/22976/23040/23104/23168/23232/23296/23360/23424/23488/23552/23616/23680/23744/23808/23872/23936/24000/24064/24128/24192/24256/24320/24384/24448/24512/24576/24640/24704/24768/24832/24896/24960/25024/25088/25152/25216/25280/25344/25408/25472/25536/25600/25664/25728/25792/25856/25920/25984/26048/26112/26176/26240/26304/26368/26432/26496/26560/26624/26688/26752/26816/26880/26944/27008/27072/27136/27200/27264/27328/27392/27456/27520/27584/27648/27712/27776/27840/27904/27968/28032/28096/28160/28224/28288/28352/28416/28480/28544/28608/28672/28736/28800/28864/28928/28992/29056/29120/29184/29248/29312/29376/29440/29504/29568/29632/29696/29760/29824/29888/29952/30016/30080/30144/30208/30272/30336/30400/30464/30528/30592/30656/30720/30784/30848/30912/30976/31040/31104/31168/31232/31296/31360/31424/31488/31552/31616/31680/31744/31808/31872/31936/32000/32064/32128/32192/32256/32320/32384/32448/32512/32576/32640/32704/32768/32832/32896/32960/33024/33088/33152/33216/33280/33344/33408/33472/33536/33600/33664/33728/33792/33856/33920/33984/34048/34112/34176/34240/34304/34368/34432/34496/34560/34624/34688/34752/34816/34880/34944/35008/35072/35136/35200/35264/35328/35392/35456/35520/35584/35648/35712/35776/35840/35904/35968/36032/36096/36160/36224/36288/36352/36416/36480/36544/36608/36672/36736/36800/36864/36928/36992/37056/37120/37184/37248/37312/37376/37440/37504/37568/37632/37696/37760/37824/37888/37952/38016/38080/38144/38208/38272/38336/38400/38464/38528/38592/38656/38720/38784/38848/38912/38976/39040/39104/39168/39232/39296/39360/39424/39488/39552/39616/39680/39744/39808/39872/39936/40000/40064/40128/40192/40256/40320/40384/40448/40512/40576/40640/40704/40768/40832/40896/40960/41024/41088/41152/41216/41280/41344/41408/41472/			

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HARDWARE SPECIALS	
ATI 486sx 1 Meg	239. ⁰⁰
Up to 386 pin	719. ⁰⁰
Processor (8, 16, 33, 50 MHz)	719. ⁰⁰
Processor (6605) 1.00, 2.00	239. ⁰⁰

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